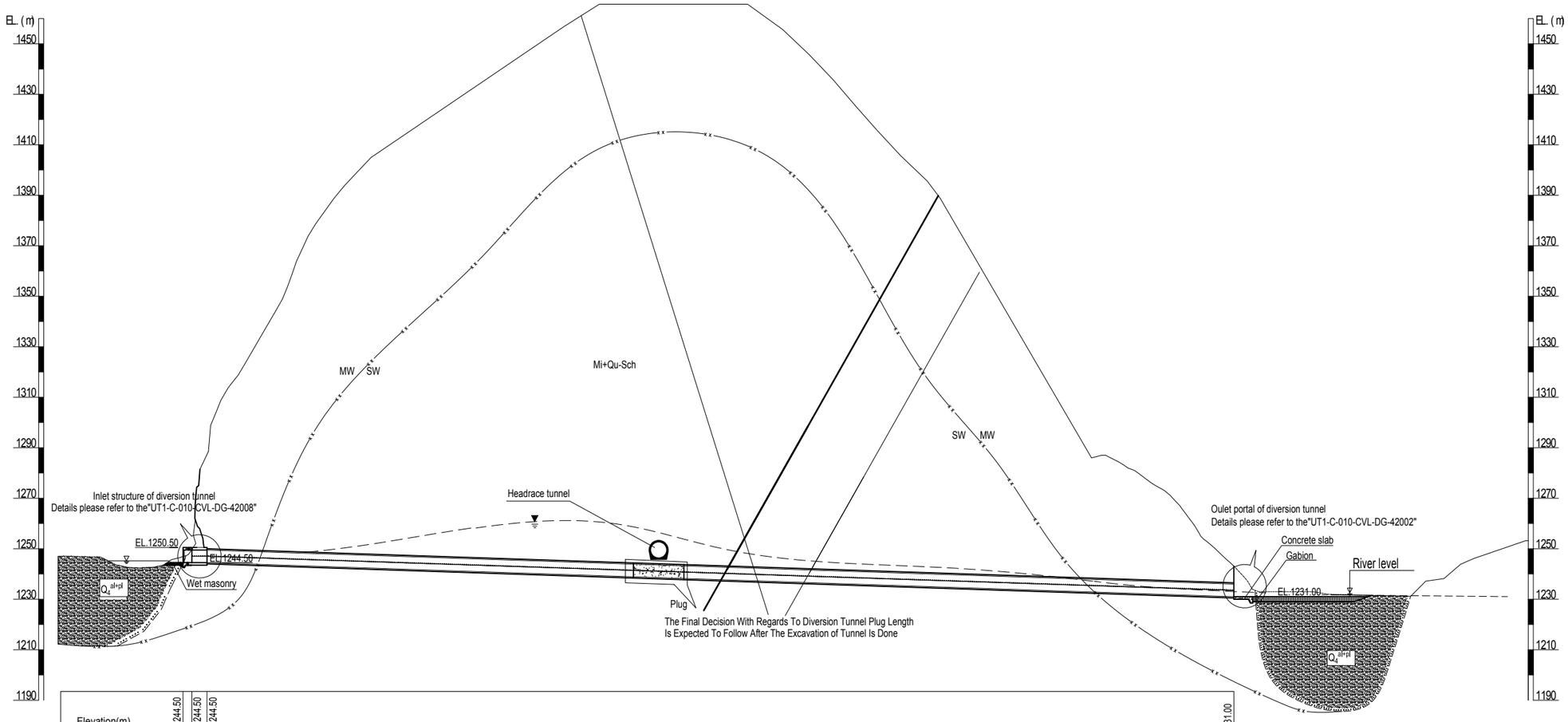
Longitudinal Profile of Diversion Tunnel

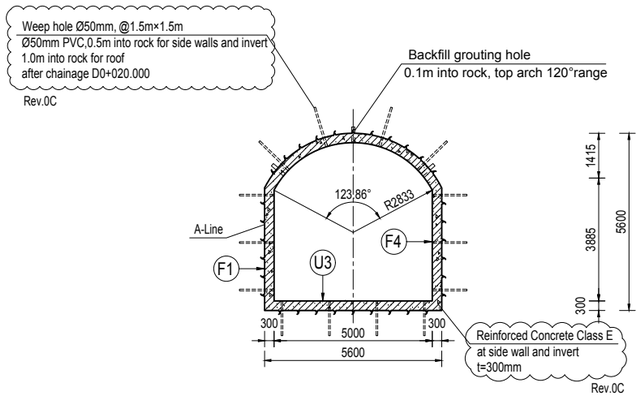
Scale 1:1000



| | | |

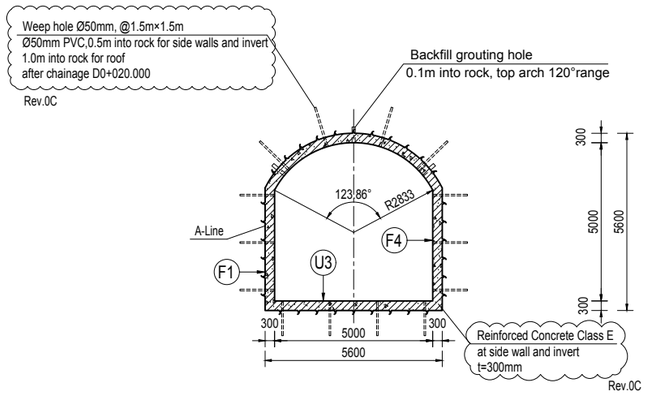
Typical Cross Section D1
(for rock class II)

Scale 1:100



Typical Cross Section D2
(for rock class III)

Scale 1:100



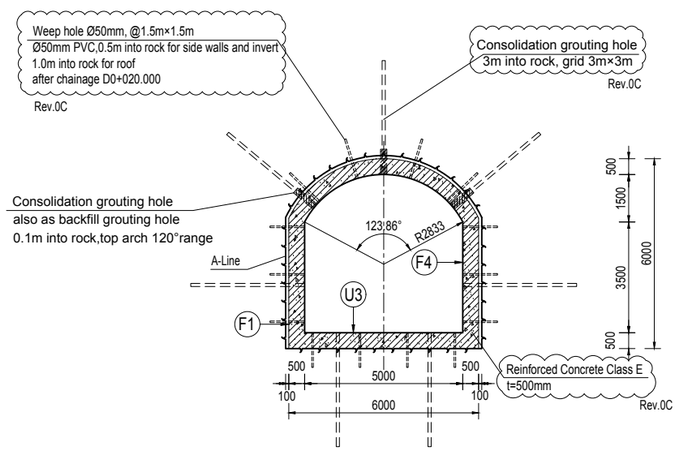
Rev.0C

Arrangement of Weep Holes

Starting Chainage (m)	Ending Chainage (m)	Depth of weep hole into rock (m)			Holes spacing (m)
		Roof	Side wall	Invert	
D0+006.000	D0+020.000	0.3	0.3	0.3	2.0
D0+020.000	D0+175.039	1.0	0.5	0.5	1.5
D0+175.039	D0+195.039	Nil	1.0	0.5	1.5
D0+195.039	D0+413.042	1.0	0.5	0.5	1.5

Typical Cross Section D3
(for rock class IV)

Scale 1:100

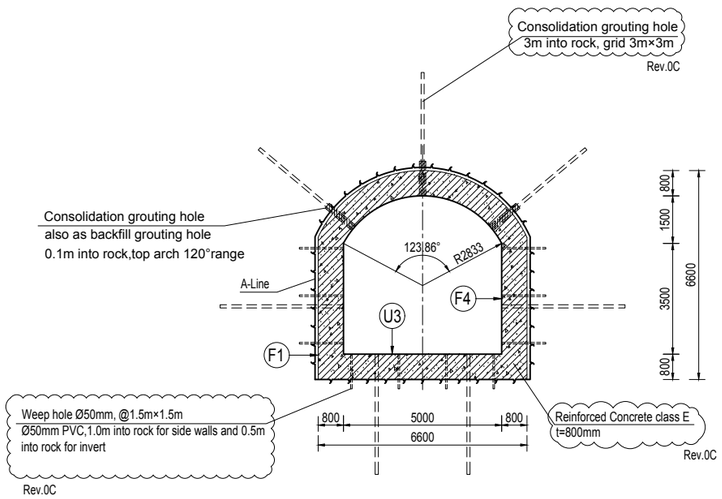


Rev.0C

Typical Cross Section D4 (for plug)

CHAINAGE D0+175.039-D0+195.039

Scale 1:100



Formed Surfaces

- (F1) Upon or against which backfill or concrete is to be placed.
- (F2) Not permantently concealed by backfill or concrete, and not required to have F3 or higher.
- (F3) Structures prominently exposed to public view where appearance is of special importance.
- (F4) Subject to destructive water flow velocities including the surfaces within 3m D/S of hydraulic gates.

Unformed Surfaces

- (U1) Screeded finish
- (U2) Floated finish
- (U3) Troweled finish

SCALE:

1:100 0 1 2 3 4 5m

NOTE

1. Coordinates, chainages & elevations are in meters,and all dimensions are in millimeters unless otherwise stated.
2. Symbol description:
   A-Line is the design excavation line.
   D denotes deformed bar, yield strength of the deformed bar is 500MPa;
3. Other notes refer to the 1st drawing.

REFERENCE DRAWINGS

UT1-PC-DHI-TE-MS-037	Concrete Linning Method Statement of DT
UT1-C-010-CVL-DG-42001	Arrangement Drawing of Diversion Tunnel
UT1-C-010-CVL-DG-42002	Excavation and Support Drawing of Inlet and Outlet of Diversion Tunnel
UT1-C-010-CVL-DG-42003	Excavation and Initial Support Drawing of Diversion Tunnel
UT1-C-010-CVL-DG-42008	Outline of Diversion Tunnel Intake Tower

SYMBOL AND LEGEND

FOR APPROVAL

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0C	07.Jun,2022	As RN-0115	DONG Z.Z.	LEI Y.G.	HAN J.B. LUO L.
0B	14.May,2022	As RN-0108	DONG Z.Z.	LEI Y.G.	HAN J.B. LUO L.
0A	15.MAR,2022	FIRST ISSUE	DONG Z.Z.	LEI Y.G.	HAN J.B. LUO L.

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT.LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

OUTLINE DRAWING OF DIVERSION TUNNEL LINING(2/2)

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-010-CVL-DG-42005-2	2 OF 2	0C